

**Department of Natural Resources and Environmental Control
 Division of Air and Waste Management
 Air Quality Management Section
 PERMIT APPLICATION**

AQM-1001F

**CONCRETE, ASPHALT, AGRREGATE,
 FEED, FLOUR & GRAIN**

1. a. Company Name:

b. Source Location:

c. Date of Installation:

2. Type of Operation: Concrete

3. Operating Schedule: hours/day days/week weeks/year

Indicate Percent of Annual Throughput:

Dec. – Feb.: % Mar. – May: % Jun. – Aug.: % Sep. – Nov.: %

4. Paved Haul Road Length:

Unpaved Haul Road Length:

Describe Type of Air Pollution Control:

Depending on the type of operation (as checked in Item 2), complete the appropriate Section. Also, attach a flow diagram showing all the emission points, using the numbers on this form, where applicable.

SECTION I.

CONCRETE PLANT, ONLY

MANUFACTURER or Description:

5. Production rate of concrete:

Hourly Maximum: cubic yards/hour Maximum Annual Throughput: cubic yards/hour

6. Maximum Rate of Silo Loading: tons/hour

(NOTE: Where the loading rate is not known, a maximum value of 30 tons/hour will be used for calculation purposes).

7. Specify the type of air pollution control equipment for each emissions unit:

Emission Point No.	Operation	Control Equipment*	Estimated Efficiency	Cost of Controls
	Cement (and Fly Ash) Silo Loading			
	Weigh Hopper			
	Truck Load-Out			
	Aggregate Handling, Stockpiles and Yard Area			
	Others (<i>specify</i>)			

*Complete the details on AQM-1001K, Air Pollution Equipment, and submit documents to substantiate efficiency.

8. Describe briefly the disposal of particulates collected in the baghouse and/or other wastes generated at the plant site:

SECTION II	ASPHALT PLANT, ONLY	Manufacturer or Description:
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9. Asphalt Production:

Maximum tons/hour: _____ Maximum Annual Output: _____

Plant Type: Stationary
 Portable
 Batch
 Continuous
 Drum Mix

If Recycled Asphalt Product (RAP) is used, attach a separate sheet and provide details, e.g., quantity, percentage

10. Aggregate Dryer Information:

A. Type of Fuel:
 Gas
 Oil: Grade No.: _____, Sulfur: _____ % w/w
 Other (specify): _____

B. Maximum Annual Fuel Consumption (specify units): _____

C. Burner Model and Manufacturer: _____

D. Maximum Firing Rate: _____ BTU/hour

12. Indicate the type of Air Pollution Control equipment and efficiency for the various emission units:

SOURCE	CONTROL EQUIPMENT*	ESTIMATED EFFICIENCY	COST OF CONTROL EQUIPMENT
Dryer Model	Primary: Secondary:		
Aggregate Stockpiles			

*Complete the details on AQM01001K, Air Pollution Equipment, and submit documents to substantiate efficiency

13. Describe briefly the disposal of particulates collected in the baghouses and/or other wastes generated at the plant site:

SECTION III	AGGREGATE CRUSHING PLANT, ONLY	<i>Manufacturer or Description:</i>
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14.

EMISSION UNIT NUMBER	EMISSION UNIT	THROUGHPUT		CONTROL* EQUIPMENT	CONTROL* EFFICIENCY	COST OF CONTROL EQUIPMENT
		MAXIMUM ANNUAL TONS/YEAR	MAXIMUM RATED TONS/HOUR			
	Receiving Hopper					
	Primary Crusher(s) Model & Size:					
	Secondary Crusher(s) Model & Size:					
	Tertiary Crusher(s) Model & Size:					
	Fines Mill(s) Model & Size:					
	Screen(s) Model & Size:					
	Conveyer Transfer Point(s)					
	Stock Pile(s)					
	Other(s)					

*Complete the details on AQM-1001K, Air Pollution Equipment, and submit documents to substantiate efficiency.

15. Describe briefly the disposal of particulates collected in the baghouses and/or other wastes generated at the plant site:

SECTION IV	FEED, FLOUR, AND GRAIN OPERATIONS, ONLY	<i>Manufacturer or Description:</i>
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16.

EMISSION UNIT NUMBER	EMISSION UNIT	THROUGHPUT		CONTROL* EQUIPMENT	CONTROL* EFFICIENCY	COST OF CONTROL EQUIPMENT
		MAXIMUM ANNUAL TONS/YEAR	MAXIMUM RATED TONS/HOUR			
	Dryer(s): Rack or Column <i>(specify):</i>					
	Receiving: Truck or Rail <i>(specify):</i>					
	Headhouse(s)					
	Screening or Cleaning					
	Roll Mill(s)					
	Feed Mixer(s)					
	Pellet Mill(s)					
	Pellet Cooler(s)					
	Grinder(s)					
	Hammer Mill Cyclone(s)					
	Load Out: Truck, Rail or Barge <i>(specify):</i>					
	Other(s)					

*Complete the details on AQM-1001K, Air Pollution Equipment, and submit documents to substantiate efficiency.

15. Describe briefly the disposal of particulates collected in the baghouses and/or other wastes generated at the plant site:

